

EXHIBIT A
PENDING CLAIMS

1. A method for part purification of a desired protein from milk comprising the following steps:

- a) precipitating the desired protein from milk; and
- b) separating the precipitated desired protein from protease enzymes contained in whey and thereby recovering the part-purified protein.

2. The method of Claim 1, wherein the desired protein is fibrinogen and the method optionally comprises the further steps of:

- (c) contacting the part-purified fibrinogen with a hydrophobic interaction chromatography resin under conditions wherein the fibrinogen binds to the resin; and
- (d) removing the bound fibrinogen by means of elution.

3. The method of Claim 1, wherein the precipitation step, separation step, or both are achieved in the presence of lysine, a lysine analogue, ϵ -aminocaproic acid, or a combination thereof.

5. A method for obtaining fibrinogen from a fluid, the method comprising:

- (a) contacting the fluid with a hydrophobic interaction chromatography resin under conditions wherein the fibrinogen binds to the resin; and
- (b) removing the bound fibrinogen by means of elution.

9. The method of Claim 1, wherein the protease enzyme is plasmin, plasminogen, or combination thereof.

12. The method of Claim 1, wherein the milk comprises whole milk, skimmed milk, or a milk fraction.

13. The method of Claim 1, wherein the milk is derived from a sheep, cow, goat,

rabbit, camel, water buffalo, pig or horse.

14. The method of Claim 2, wherein the fibrinogen is derived from transgenic bovine or human.

15. The method of Claim 1, wherein the part-purified protein is further purified by repeating step (a), step (b) or both.

30. The method of Claim 1, wherein steps (a) and (b) are performed simultaneously.

31. The method of Claim 1, wherein the milk is derived from a transgenic mammal.